

Coordinate Measuring Machine

Metals Applications Technology Branch

Bldg 1225, Rm 106 (Shop Floor)

One (1) 6-axis high accuracy portable Coordinate Measuring Machine (CMM) arm with absolute encoders. CMM system shall have a 3.9' (1.2 meter) measuring range and a magnetic base mounting system. CMM shall include counter weight, fixed baseplate, digital camera and work light, a certified 1.0" calibration sphere, certified calibration length bar, a minimum of three (3) quick change measuring probes (3mm ruby, 6mm ruby, and 15mm steel ball sizes), mobility pack including re-chargeable battery and Wi-Fi wireless interface, dust cover and hard sided protective travel case. CMM arm tubes shall have aerospace grade carbon fiber construction for thermal stability. CMM system shall have a probe point repeatability to 0.0004" and a volumetric accuracy to .0008". Power requirement shall be universal worldwide voltage 110-240 V AC. CMM system shall have a minimum 1 year warranty and ASME B89 or ISO 10360-2 certificate.

Shall include onsite setup and CMM support training for up to 3 persons.